

VIDIPROOF Manual

IMPORTANT

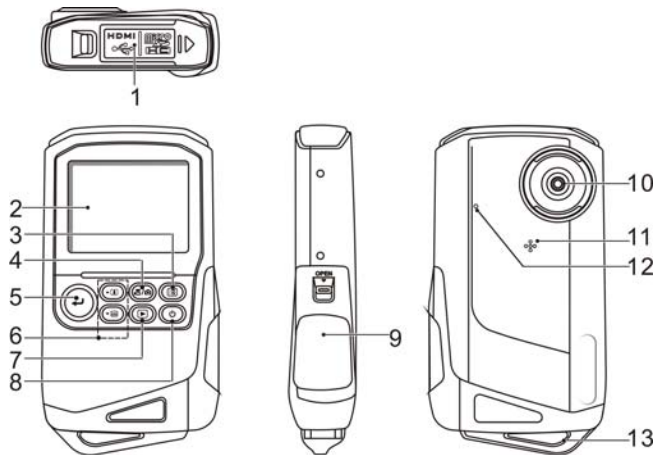
- Don't open the battery door under water.
- Close the battery door properly for best water sealing.
- Rinse by clean water after use and keep it dry for storage.

After used this camcorder under water, the voice recording quality will be affected as there still has water inside the mic and speaker compartment.
The sound will be resumed to normal once water dry out.

1. Key features of your camcorder

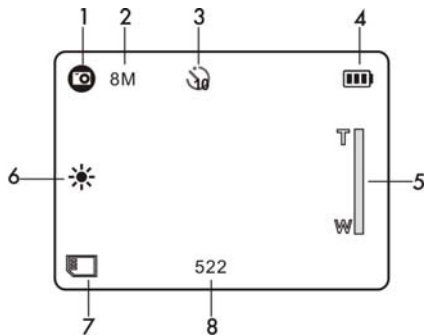
Full HD digital video camcorder – 1920x1080 up to 30fps
HDTV HDMI high definition interface output
2.0" fine grade LTPS color LCD display
Slot for Micro SD Memory card, support up to 16GB SD card capacity
Driver free for Windows 7 / Vista / XP and MAC 10.4.9 or above

2. Functional parts



Item	Part	Function
1	USB interface	For transferring images and video files to computer via USB cable.
	Card slot	Inserting micro SD card for digital files storage.
	HDMI socket	Use supplied HDMI cable for HDTV connection.
2	LCD screen	LCD shows images, video clips, camera Settings and Menu.
3	Menu Button	Press to Set PICTURE / VIDEO recording options.
4	Mode Button	Press this button to select mode: PICTURE taking or VIDEO recording.
5	OK button	Press this button to take still PICTURE; to Start or Stop recording VIDEO clip, To confirm changes (OK) in menu mode.
	Zoom button	Zoom IN or OUT during recording mode.
	Volume setup button	Setting the volume in video playback mode.
6	Up / Down button	In MENU mode, push the key up/down for UP / DOWN selection
	Playback button	In photo mode ,press this button to enter the Playback PICTURE mode, In video mode ,press this button to enter the Playback VIDEO mode.
7	Power Button	1. Pressing and hold the power button to turn on& off the unit. 2. Pressing this button to select icons display.
8	Battery door	2x AA alkaline batteries provided.
9	Lens	Optical lens for Video & Picture taking.
10	Speaker	Speaker for video playback
11	Microphone	For voice input.
12	Strap Hook	For fixing hand strap.

3. Explanation of the status icons



Item	Function	Description
1	Recording mode	Photograph mode.
		Video mode.
2	Selected resolution	Photo-3M, 5M, 8M Video-Full HD ,1080P30, 720P30, WVGAP60 WVGAP30, VGA, QVGA
3	Self timer	On / Off
4	Battery indicator	Battery is full Empty battery
5	Zoom indicator	Shows zoom range
6	White balance	White balance selection.
7	SD card indication	The SD card is inserted and will be used as storage for PHOTO and VIDEO
8	Counter indicator	Shows available time for recording VIDEO Shows active recording VIDEO time Shows picture available in PHOTO mode

4. Details for camera setting

PHOTO setting In photo mode, pressing the MENU button and select PHOTO, then pressing the OK button to enter photo setup mode.		
Quality	Super Fine/ Fine(Default) /Normal	PHOTO quality setting
Size	3M pixel resolution	2048 x 1536 pixels
	5M pixel resolution	2592 x 1944 pixels
	8M pixel resolution	3200 x 2400 pixels
Self-timer	On	Self-timer selected, 10 sec delay
	Off	Turn off the self-timer, disable
VIDEO setting In video mode, pressing the MENU button and select VIDEO, then pressing the OK button to enter video setup mode.		
Quality	Super Fine(Default)/ Fine / Normal	VIDEO quality setting
Resolution	Full HD	1920x1080 up to 30fps
	1080P30	1440x1080, up to 30fps
	720P30	1280x720, up to 30fps
	WVGAP60	848x480, up to 60fps
	WVGAP30	848x480, up to 30fps
	VGA	640x480, up to 30fps
QVGA	320x240, up to 30fps	
Setup In photo/video mode, pressing the MENU button and select SETUP by pressing the down button, then pressing the OK button to enter camera basic setup options.		
TV type	NTSC	American and Japanese TV format
	PAL	European TV format
Auto power off	Off	Auto Power-Off off
	1 min	Auto power off in 1 min if no operation
	3 min	Auto power off in 3 min if no operation
	5 min	Auto power off in 5 min if no operation

Time setup	Year / Month / Day / Hour / Minute	Setting the time on the image or video clips.
Quick view	3s / 1s / 0.5s / Off	Select picture review time after photo taking.
Volume	00 ~ 64	Setting the volume
Default Setting	Yes / No	Refresh the default settings
Format	Yes / No	Format the SD card
Language	English / Deutsch / French / Italian / Spanish / Nederlands / Portuguese / CHS / CHT / Russian	Select display language
Beep Sound	Off / High / Low	Setting the beep sound volume.
S.image	On / Off	Setting the opening screen on or off.
S.sound	On / Off	Setting the opening sound on or off.
File number	Reset / Sequential	
Slide Show Pause	10s / 5s / 3s / Off	Setting the image slide time.
Frequency	50Hz / 60Hz	Set for European electricity frequency Set for American electricity frequency
FW Version		See the firmware version
Effect In photo/video mode, pressing the MENU button and select EFFECT by pressing the down button, then pressing OK to enter effect options.		
Scene	Auto/Landscape/Portrait/ Sport/Night landscape	Choose an existing Picture control
ISO	Auto / 200 / 400	Sensitivity select
Metering	Center / Average / Spot	Metering setting
White Balance	Auto	Automatic white balance
	Sunny	White balance selected for Sunny sky
	Cloudy	White balance selected for cloudy sky
	Fluorescent	White balance selected for fluorescent indoor light
	Incandescent	White balance selected for tungsten indoor lighting
Effects	Negative / Normal/ B/W / Sepia	Effects setting.
Sharpness	Standard / Hard / Soft	Sharpness setting
EV Setting	0, +/-0.3 , +/-0.7, +/-1.0, +/-1.3, +/-1.7, +/-2.0	Level of exposure

Note: The camera will remain in the last setting when it is turned OFF and ON again

5. Using the camera

5.1 Battery installation

1. Release and open the battery door.
2. Install supplied 2x AA alkaline batteries into the battery compartment. Align battery terminals with metal connectors inside compartment.
3. Close the battery door.



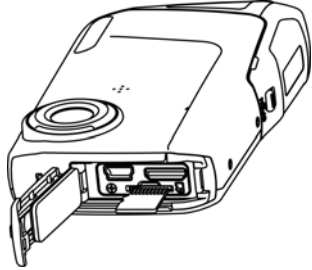
5.2 Inserting a memory card (not included)

You must insert Micro SD Card (not supplied) to record and store your VIDEO and PICTURES. Follow the instruction for inserting a Micro SD Memory card:

1. Turn OFF the camera.
2. Insert the Micro SD card into the Micro SD card slot, gently press it down until card is latched.



Note: Do not force the card into the slot; forcing may damage camera and the Micro SD memory card. Align Micro SD card position (as marked) and try again.

Note: The Micro SD memory card must be formatted before taking photographs. See the following instruction.



5.3 Formatting the SD memory card

If your SD card is new, or it was used with other cameras or devices, you need to FORMAT the card, see simple steps below. If card was previously used, save all needed images & video first.




1. In photo/video mode, press the MENU button and select SETUP, then press OK to enter camera basic setup options.
2. Select FORMAT by pressing the UP () button and press the OK button. Select YES by pressing the UP () button.
3. Press the OK button to confirm formatting the Micro SD card.

Note: During formatting of the Micro SD card, all data, pictures & video (if present) will be erased; make sure you save your valuable records before formatting the memory.




Remember, all your records will be erased during formatting!

5.4 Setting the resolution



VIDEO recording mode

1. Press the MENU button in video mode, Select VIDEO and press the OK button to enter options selection.
2. Select RESOLUTION by pressing the UP () button, then press the OK button to enter resolution selection.
3. Select desired resolution by pressing the UP () / DOWN() buttons; Full HD (1920x1080), 1080P30(1440x1080), 720P30 (1280 x 720), WVGAP60 (848 x 480) WVGAP30 (848 x 480), VGA (640 x 480), QVGA(320 x 240) then press the OK button to confirm setting.

PICTURE taking mode

1. Press the MENU button in photo mode, Select PHOTO and press the OK button to enter option selection.
2. Select the SIZE by pressing the UP () button, press the OK button to enter resolution selection.
3. Select desired resolution by pressing the UP () / DOWN() buttons; 3M (2048 x 1536), 5M (2592 x 1944), 8M (3200 x 2400) then press the OK button to confirm setting.



5.5 Taking video or pictures

1. Turn on your camera.
2. Press the MODE button to select PICTURES () or VIDEO recording mode()
3. Use the LCD screen as a viewfinder composing the scene.
4. Press the OK button for taking a PICTURE, or press this button to start / stop VIDEO recording.

Note: 1. Keep camera and the object steady when making records to avoid blurry images.
2. Max video file size is 4GB.The unit will stop recording automatically.

5.6 Zoom IN and OUT




Your camera can zoom in up to 4 X



Pressing the UP () / DOWN () buttons for selecting desired scene / view.

Note the zoom bar in screen showing the zooming range.




Resolution	Digital zoom
QVGA 30fps	4X
VGA 30fps	4X
WVGA 30fps	4X
WVGA 60fps	4X
720P 30fps	4X
1080P 30fps	2X
Full HD 30fps	Without Digital Zoom

5.7 Playback PICTURES and VIDEO clips

1. In PHOTO / VIDEO mode, Press the PLAYBACK button () to enter PICTURES / VIDEO Playback mode.
2. Pressing the UP () / DOWN () button to select desired PICTURE / VIDEO.

3. Pressing the OK button to confirm selected VIDEO or see full size PICTURE.
4. When viewing video clips, Press the OK button to start playing the video and press again to pause.
5. When playing the video, press the UP () / DOWN () buttons for fast forward or rewind the VIDEO.

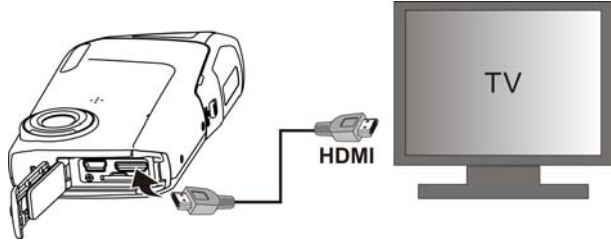
5.8 Delete photographs and video clips

1. In PHOTO / VIDEO mode, Press the PLAYBACK button () to enter PICTURES / VIDEO Playback mode. Select the photo or video to delete.
2. Press the MENU button to enter the delete mode.
3. Pressing the UP () / DOWN () buttons for select delete current image(YES) or delete all images and press the OK button to confirm.
4. Pressing the MODE button to exit.

6. Connecting the HD DV camcorder

6.1 Connect to TV

When you wish to view on **High Definition (HD) TV**, please use supplied HDMI cable and connect as shown below:



Set your HDTV to corresponding HDMI INPUT (review TV Manual if needed) and use camera buttons in the same way as you use camera during PLAYBACK mode.

Enjoy watching pictures and HD VIDEO on large HDTV screen!

6.2 Connect to Personal computer

You may also connect your HD camcorder to PC for viewing PICTURES and VIDEOS on the computer monitor as well as expanding your system to enjoy a wide range of functions. You may edit your videos or images and send them to friends over the Internet or even post your own VIDEOS on YouTube! Millions of people may view them!

Upload to YouTube

Please install MEDIAIMPRESSION. This software enables upload to YouTube. This will take you directly to YouTube website for easy upload of videos.

Installing DirectX and ArcSoft MediaImpression

1. Please insert provided CD into computer's CD ROM and follow screen prompts to install DirectX and MediaImpression in your computer
2. Use USB cable to connect HD camcorder to computer
3. Open My Computer> Removable Disk and select image or video file
4. Click to open and watch High definition video played back.

You may also install QuickTime (not bundled on supplied CD) or other suitable programs for best video playback.

HD Video data is very complex; use Win XP, Vista, MAC 10.4.9 and newest computers – older and slower computers may not play your HD Video clips so well.

7. Specification

Image Sensor	5.0 Mega pixel CMOS sensor	
Resolution	VIDEO	Full HD (1920x1080) up to 30fps
		1080P30 (1440x1080), up to 30fps
		720P30 (1280x720), up to 30fps
		WVGAP60 (848x480), up to 60fps
		WVGAP30 (848x480), up to 30fps
		VGA (640x480), up to 30fps
		QVGA (320x240), up to 30fps
	PICTURES	8.0 Mega pixel (3200x2400)
		5.0 Mega pixel (2592x1944)
		3.0 Mega pixel (2048x1536)
Lens	F/2.8 f=8.5mm	
LCD display	2.0" fine grade LTPS color LCD display	
White balance	Auto / Sunny / Cloudy / Fluorescent / Incandescent	
VIDEO format	MOV	

External memory card	Support up to 16GB SD memory card (card is required to store video & pictures, class 4 or above SD card is recommended)
File format	VIDEO: MOV ; PICTURE: JPEG
Self timer	10 second options
PC interface	USB 2.0 port
Power source	2x AA alkaline batteries
TV-out	High Definition VIDEO: HDMI Standard TV (NTSC or PAL) output: HDMI

8. PC system min requirement

Operating System	Windows 7 / Vista / XP Mac 10.4.9 or above
CPU	Pentium III / 1GHz (minimum) Pentium 4 / 3.0GHz or above processor (recommended)
RAM	At least 256MB (minimum) 1GB (recommended)
Interface	USB available port
Display Card	nVidia Geforce 7600 or ATI X 1600 or above

9. Troubleshooting

Problem	Cause	Solution
Cannot turn ON the camcorder	1. Low battery power. 2. Battery not inserted properly.	1. Replace with new 2x AA alkaline batteries 2. Check that battery correctly aligned when installed
VIDEO or PICTURES cannot be saved when you are taking them.	1.Micro SD card has not been installed 2. The Micro SD card has not been formatted properly. 3. Memory is full. Display shows 'MEMORY FULL'.	1. Install Micro SD card 2. Format the Micro SD card at SETUP mode of the camera. Please refer to section 5.3. 3. Download the pictures and videos from the camera to the computer to create storage space.
Computer does not recognize your camcorder when connected. (You cannot find removable disk)	Connection failure.	Make sure all cable connections are secured. Restart the computer if necessary.
The battery life is very short.	Incorrect or old, used up, battery	Replace with new 2x AA alkaline batteries
Blurry images	1. The HD camera is not held steady during recording 2. The lens of HD DV camera is dirty.	1. Hold the HD DV camera steady when taking pictures, wait to hear the beep sound 2. Clean the lens with soft dry cloth.



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